

Introduction

The distributive property states that $a(b+c)=ab+ac$, for all $a,b,c\in\mathbb{R}$.

The equivalence class of a is $[a]$.

The set A is defined to be $\{1,2,3\}$.

The movie ticket costs \$11.50.

Equations

$$2\left(\frac{1}{x^2-1}\right)$$

$$2\left[\frac{1}{x^2-1}\right]$$

$$2\left\{\frac{1}{x^2-1}\right\}$$

$$2\left\langle\frac{1}{x^2-1}\right\rangle$$

$$2\left|\frac{1}{x^2-1}\right|$$

$$\left.\frac{dy}{dx}\right|_{x=1}$$

$$\left(\frac{1}{1+\left(\frac{1}{1+x}\right)}\right)$$

1st Table

x	1	2	3	4	5
$f(x)$	10	11	12	13	14

2nd Table

x	1	2	3	4	5
$f(x)$	$\frac{1}{2}$	11	12	13	14

Table 1: These values represent the function $f(x)$.

3rd Table

Table 2: The relationship between f and f' .

$f(x)$	$f'(x)$
$x > 0$	The function $f(x)$ is increasing. The function $f(x)$ is increasing. The function $f(x)$ is increasing. The function $f(x)$ is increasing. The function $f(x)$ is increasing.

Arrays

First Array

$$5x^2 - 9 = x + 3 \tag{1}$$

$$5x^2 - x - 12 = 0 \tag{2}$$

Second Array

$$5x^2 - 9 = x + 3$$

$$5x^2 - x - 12 = 0$$

$$= 12 + x - 5x^2$$

Third Array

$$5x^2 - 9 = x + 3 \tag{3}$$

$$5x^2 - x - 12 = 0 \tag{4}$$